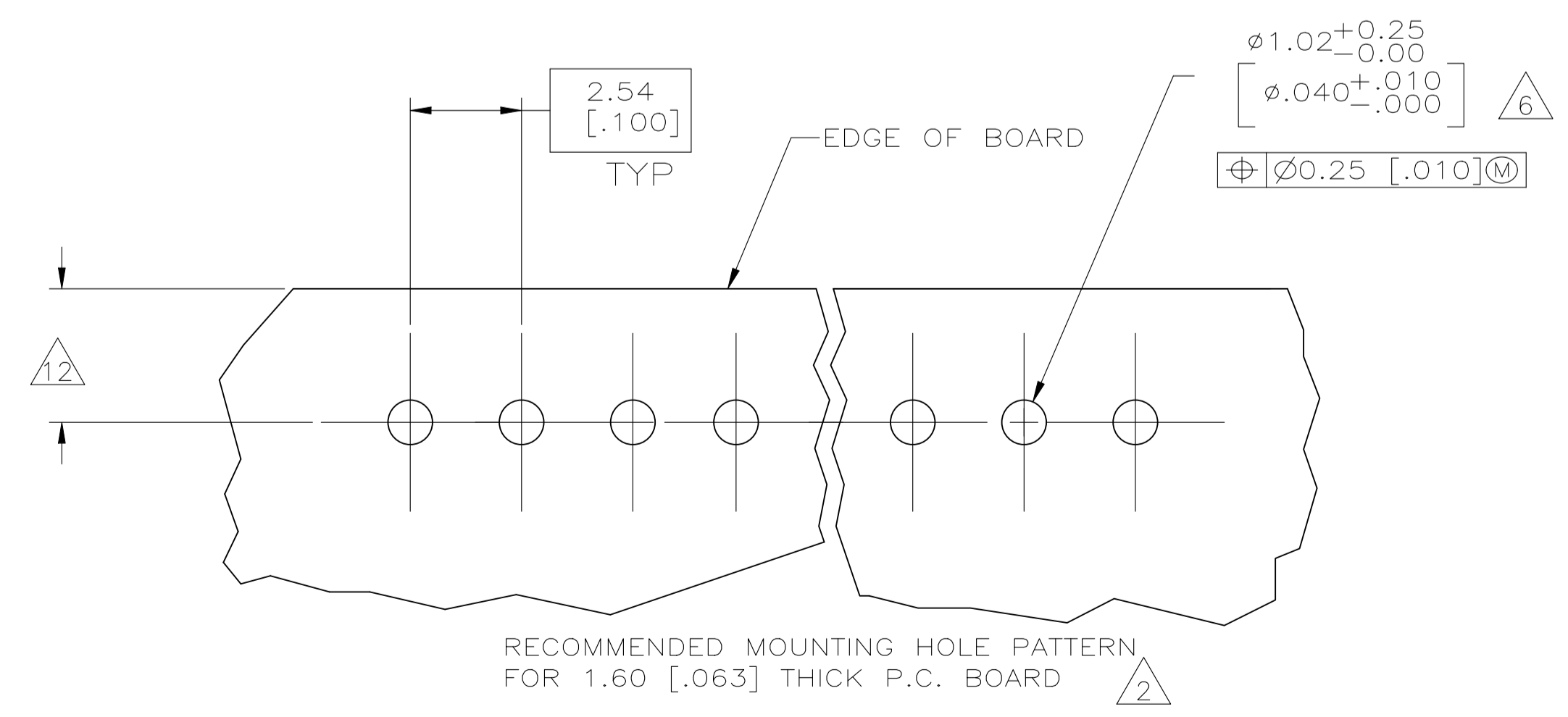
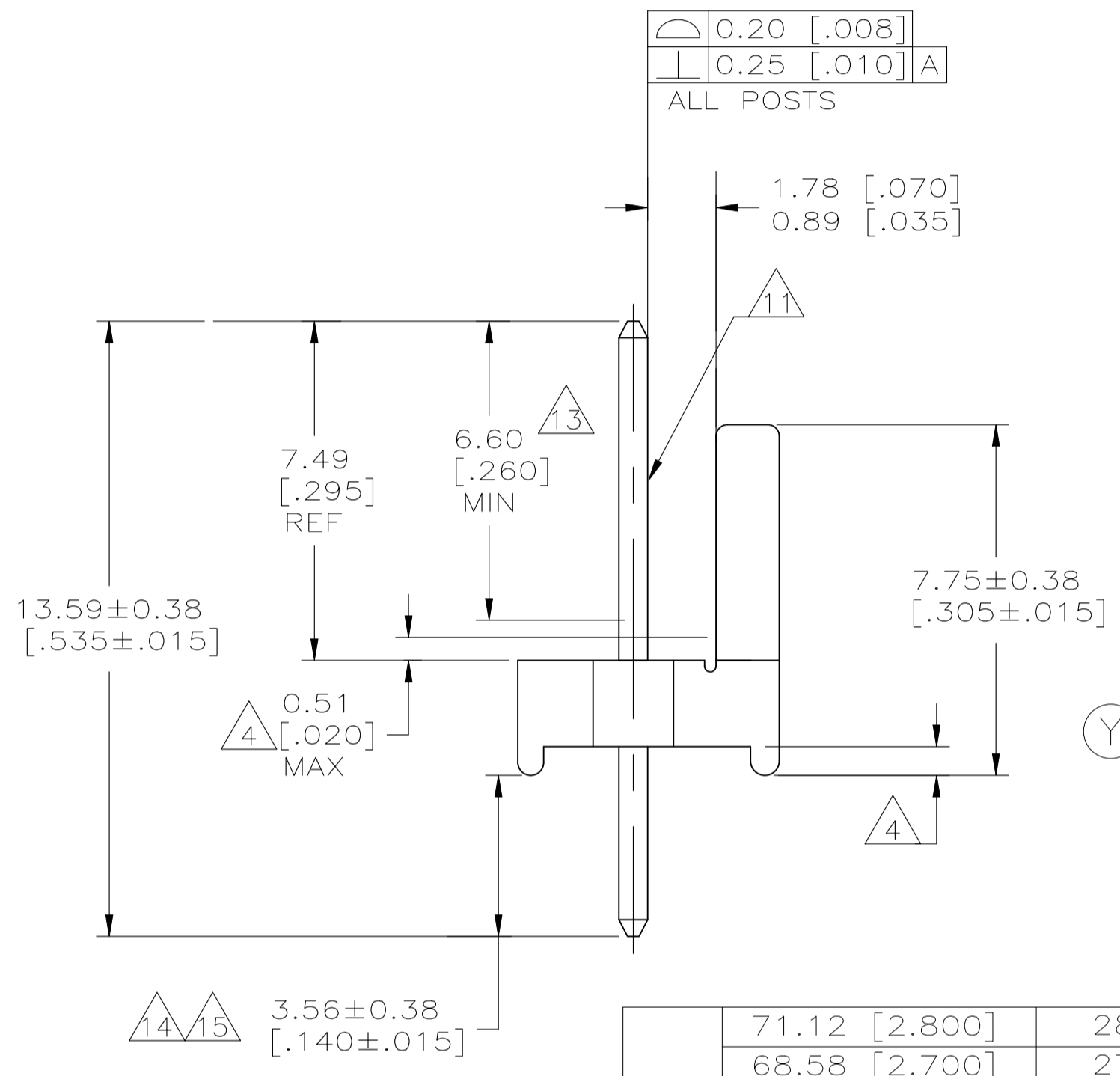
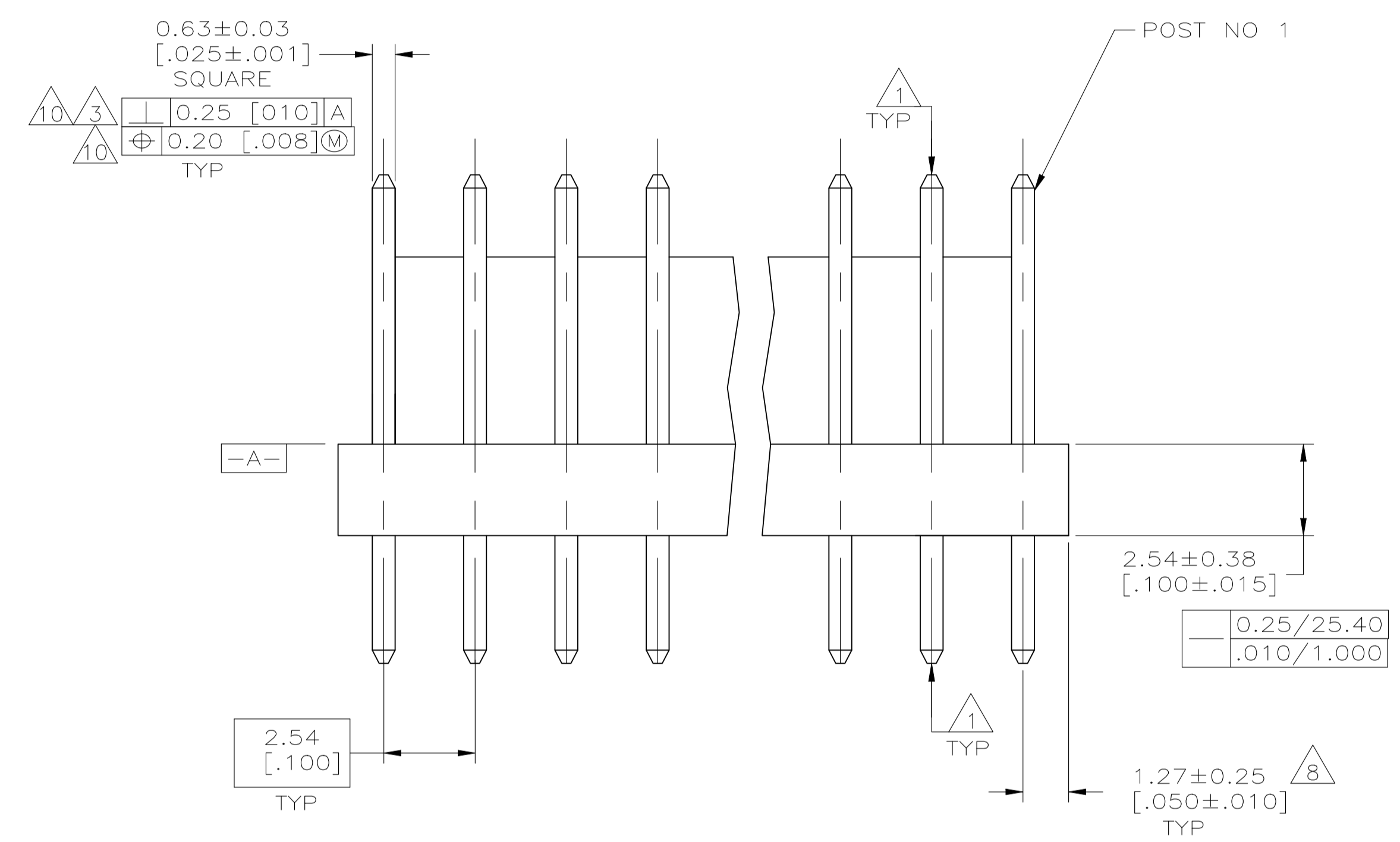
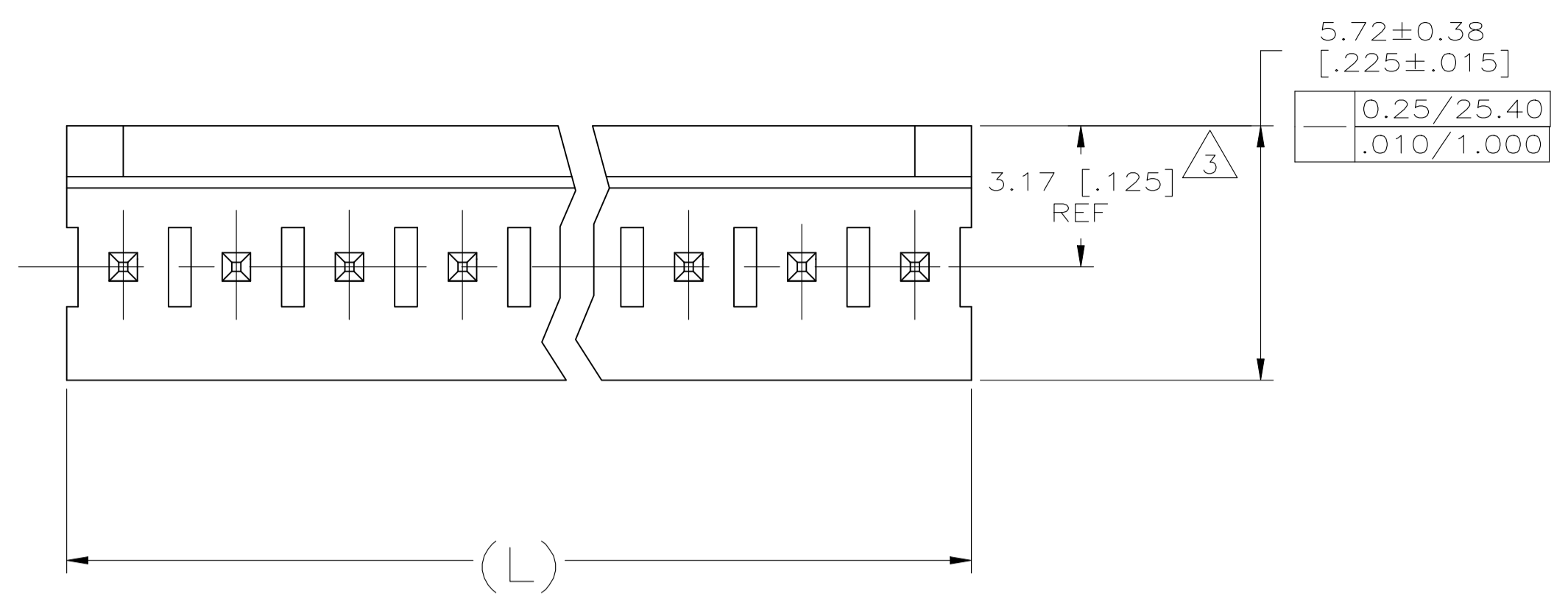


| REVISIONS |           |                           |     |      |
|-----------|-----------|---------------------------|-----|------|
| REV       | DATE      | DESCRIPTION               | BY  | APPV |
| Z         | 07OCT2025 | REVISED PER ECR-25-253035 | CKN | JP   |



- 1 POST TO WITHSTAND 13 NEWTONS (3 LBS) MINIMUM AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3 MEASURED AT -A-
- 4 PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 6 ONE HOLE MAY BE UNDERSIZED 0.81-0.89 [.032-.035] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL: HEADER-THERMOPLASTIC POLYESTER  
94V-0 (NATURAL)  
POST-COPPER ALLOY  
FINISH-USE PLATING NOTES 13 & 14 FOR -2 THRU -28  
AND NOTES 13 & 15 FOR -32 THRU -58
- 8 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9 PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- 10 POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11 POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12 DIMENSION SHOULD BE 3.30 [.130] WHEN MATING WITH A MTA-100 CONNECTOR ASSEMBLY OR A CST-100 CONNECTOR ASSEMBLY.
- 13 PLATING: GOLD PLATE AREA, 0.00076 [.000030] GOLD OR 0.00008 [.000003] MIN GOLD FLASH OVER 0.00068 [.000027] PALLADIUM NICKEL, ONLY IN FUNCTIONAL CONTACT AREA AND OTHER AREAS WITH OPTIMIZED THICKNESS PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, .00127 [.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
- 14 PLATING: MATTE TIN PLATE AREA, 0.00381-0.00889 [.000150-.000350] THICK, ALL FOUR SIDES 3.56 [.140] MINIMUM.
- 15 PLATING: MATTE TIN PLATE AREA, 0.00381-0.00889 [.000150-.000350] THICK, ALL FOUR SIDES 3.56 [.140] MINIMUM.

| LEAD FREE     |             |            |
|---------------|-------------|------------|
| DIM (L)       | NO. OF POSN | ASSEMBLY   |
| 71.12 [2.800] | 28          | 5-641213-8 |
| 68.58 [2.700] | 27          | 5-641213-7 |
| 66.04 [2.600] | 26          | 5-641213-6 |
| 63.50 [2.500] | 25          | 5-641213-5 |
| 60.96 [2.400] | 24          | 5-641213-4 |
| 58.42 [2.300] | 23          | 5-641213-3 |
| 55.88 [2.200] | 22          | 5-641213-2 |
| 53.34 [2.100] | 21          | 5-641213-1 |
| 50.80 [2.000] | 20          | 5-641213-0 |
| 48.26 [1.900] | 19          | 4-641213-9 |
| 45.72 [1.800] | 18          | 4-641213-8 |
| 43.18 [1.700] | 17          | 4-641213-7 |
| 40.64 [1.600] | 16          | 4-641213-6 |
| 38.10 [1.500] | 15          | 4-641213-5 |
| 35.56 [1.400] | 14          | 4-641213-4 |
| 33.02 [1.300] | 13          | 4-641213-3 |
| 30.48 [1.200] | 12          | 4-641213-2 |
| 27.94 [1.100] | 11          | 4-641213-1 |
| 25.40 [1.000] | 10          | 4-641213-0 |
| 22.86 [900]   | 9           | 3-641213-9 |
| 20.32 [800]   | 8           | 3-641213-8 |
| 17.78 [700]   | 7           | 3-641213-7 |
| 15.24 [600]   | 6           | 3-641213-6 |
| 12.70 [500]   | 5           | 3-641213-5 |
| 10.16 [400]   | 4           | 3-641213-4 |
| 7.62 [300]    | 3           | 3-641213-3 |
| 5.08 [200]    | 2           | 3-641213-2 |

| SUPERSEDED                                                      |             |            |
|-----------------------------------------------------------------|-------------|------------|
| OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI |             |            |
| DIM (L)                                                         | NO. OF POSN | ASSEMBLY   |
| 71.12 [2.800]                                                   | 28          | 2-641213-8 |
| 68.58 [2.700]                                                   | 27          | 2-641213-7 |
| 66.04 [2.600]                                                   | 26          | 2-641213-6 |
| 63.50 [2.500]                                                   | 25          | 2-641213-5 |
| 60.96 [2.400]                                                   | 24          | 2-641213-4 |
| 58.42 [2.300]                                                   | 23          | 2-641213-3 |
| 55.88 [2.200]                                                   | 22          | 2-641213-2 |
| 53.34 [2.100]                                                   | 21          | 2-641213-1 |
| 50.80 [2.000]                                                   | 20          | 2-641213-0 |
| 48.26 [1.900]                                                   | 19          | 1-641213-9 |
| 45.72 [1.800]                                                   | 18          | 1-641213-8 |
| 43.18 [1.700]                                                   | 17          | 1-641213-7 |
| 40.64 [1.600]                                                   | 16          | 1-641213-6 |
| 38.10 [1.500]                                                   | 15          | 1-641213-5 |
| 35.56 [1.400]                                                   | 14          | 1-641213-4 |
| 33.02 [1.300]                                                   | 13          | 1-641213-3 |
| 30.48 [1.200]                                                   | 12          | 1-641213-2 |
| 27.94 [1.100]                                                   | 11          | 1-641213-1 |
| 25.40 [1.000]                                                   | 10          | 1-641213-0 |
| 22.86 [900]                                                     | 9           | 1-641213-9 |
| 20.32 [800]                                                     | 8           | 641213-8   |
| 17.78 [700]                                                     | 7           | 641213-7   |
| 15.24 [600]                                                     | 6           | 641213-6   |
| 12.70 [500]                                                     | 5           | 641213-5   |
| 10.16 [400]                                                     | 4           | 641213-4   |
| 7.62 [300]                                                      | 3           | 641213-3   |
| 5.08 [200]                                                      | 2           | 641213-2   |

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

|                         |                                        |                                                                                           |                             |
|-------------------------|----------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------|
| DIMENSIONS: mm [INCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN S. HOOVER 26-JAN-2005                                                                 | APPROV D. BOSSI 26-JAN-2005 |
| 0. PLC ±                | 1. PLC ±                               | 2. PLC ±                                                                                  | 3. PLC ±                    |
| 4. PLC ±                | ANGLES ±                               | NAME: MTA-100 HEADER ASSY, POLARIZED, NOTCHED, .025 SQ STRAIGHT POST, .000030 GOLD PLATED |                             |

APPLICATION SPEC: A1

WEIGHT: A1 00779 C 641213

CUSTOMER DRAWING SCALE: 8:1 SHEET 1 of 1 REV Z